CLAIMS:

1. Process for the continuous manufacture of sausages, comprising the following steps:

. continuous feeding of a pair of sheets, one above and the other below tubes feeding the paste forming the product to be packaged,

. continuously forming at the upper sheet individual molds for the product to be packed;

. simultaneously forming at the lower sheet, individual molds corresponding to the molds of the upper sheet, but connected one to the other by cavities narrower than those of said individual molds, the size of which allows the housing of feeding tubes;

. tensioning the sheets at least at the sealing regions between them;

. longitudinally sealing the sheets on both sides of said individual molds;

. advancing said individual molds thus formed beyond the outlet of said feeding tubes, closing under pressure the narrowest cavity at the front region of the mold;

. filling the product to be packed under proper pressure, in a continuous way, along with the container of sheets shaped by the molds;

. pressure closing the narrowest cavity at the rear portion of the individual mold thus filled in, closing in turn the front part of the following mold, and

. heat sealing the narrowest cavities closed under pressure.

2.Machine for carrying out the process of claim 1, comprising a pair of rollers, which contact in a parallel and tangential manner, driving corresponding thermoplastic sheet materials, one of said rollers having means for shaping half of the individual molds of the product to be packed, while the other roller is also provided with means for shaping half of the individual molds for the product to be packed, said other halves being provided with means communicating one with the other; a device for feeding the product to be packed having a plurality of feeding means extending between said sheet materials, through the communication means of said other roller, both rollers being provided with means for sealing planar joints of said sheet materials, means for cooling said planar joints at the outlet of said rollers and means for pressing and sealing the transversal joints of said individual molds thus formed; at the outlet end of the machine, following said pressing and sealing means, there being means for cutting excess sheet material from the packed product and means for wrapping said excess sheet material.

3.Machine as claimed in claim 2, wherein the means forming half of the individual molds of the product to be packed, of each roller, comprise channeled surfaces, which are shaped in sections of modular cylindrical envelope, and removable fixed to the corresponding rollers.

Amd A2

add B2